



63 Years of DX-cellence

November 2011



BULLetin

The Southern California DX Club

"If you need him get in there and work him"

The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The newsletter is published every month and is released to its members about the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with the recognition of the author and the club. Reuse of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the editor, Bill:

n6rv@scdxc.org

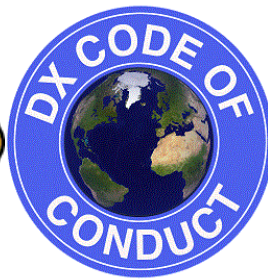
Meetings are held on the second Thursday of the month at 7:30 PM except April, June and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R145.48,(-) 100Hz PL



NCDXF Platinum Contributor

NEXT MEETING

November 10th 7:30 PM

Afghanistan

John Kountz, WO1S / T6EE

• New Meeting Location!

WEMS Electronics

See inside page for details

• STOR Cards Are Out!

• Holiday Party!

Don't Forget to Sign Up!

• DX Standings Webform!

It is up and running... Try it out!

• We Immediately Need

Reporters

Articles & Interesting Tidbits

Making friends all over the world using the magic of Amateur Radio.
Sponsors of the International DX Convention, since 1949



SCDXC
HOLIDAY PARTY
December 11, 2011



Date: December 11, 2011
Time: 11:00 am to 4:00 pm
Where: The Reef Restaurant
880 Harbor Scenic Dr
Long Beach, CA 90802
562-435-8013

www.reefrestaurant.com



Sunday Buffet Brunch \$35.00 ea.



Variety of delicious foods to choose from

We suggest that you make arrangements for carpooling for those that do not want to drive long distances or can't drive. Don't miss the fun! *Driving instructions, please visit website at:* www.scdxc.org

Cut registration form here



Registration Form
The Reef Restaurant
December 11, 2011

Deadline for returning Registration Form: November 28, 2011

Name: _____ Callsign _____

Number of guest including yourself _____

Sunday Buffet Brunch \$35.00 x _____ = \$ _____ enclosed

Checks payable to: SCDXC and Send To:

Cathy Gardenias K6VC - 20902 Gardenias Street - Perris, CA 92570

k6vc@scdxc.org

THE PREZ SEZ

John Schroeder, N6QQ,
President – Southern California DX Club
n6qq@scdxc.org

Hello Everybody!

Do you have an SDR radio ?? Our October guest speaker gave us a look at several different forms of SDR receivers. My Icom-7800 has 4 computer chips. Those of you that have a K3 radio - are light enough to be an SDR radio. One difference in our transceivers, my Icom weights in at 60 lbs, where a loaded K3 is 12 lbs.

Do you have your ST0R card yet ?? My QSL came Saturday. If you want to summit your ST0R card for DXCC credit, ARRL has a special for \$5.00 for summing only the ST0R card. Look in the newsletter for details.

Want to join in the leadership of the club. We are looking for lots of volunteer's. Talk to one the Board of Directors with your choice of one of the leadership positions.

Do not forget the Holiday Party (in Long Beach). It is going to be a good one. Get your reservations in early! The form is on the web and the page in front of this column

And for you contest DXers:

SSB Fans:

Looking for JA's to work? - check out the JIDX SSB Contest on Nov 12-13.

CW Fans:

Check out the CQ WW DX CW Contest on Nov. 26-27.

See you the November Meeting.

73, John N6QQ
President, SCDXC

www.scdxc.org

International DX Convention: www.dxconvention.org

<http://www.qrz.com/db/N6QQ>



Treasurer's Report

Club financial information is available on request. Contact the treasurer.

Officer Guidelines

The revised version of the Officers Guidelines is available on our website. See the hyperlink below.

Code of Conduct

SCDXC endorses the **DX Code of Conduct**
See the hyperlink below.



VICE PRESIDENT'S CORNER

**Bill Kendrick, N6RV,
Vice President Editor – SCDXC
n6rv@scdxc.org**

Hello Fellow DXers!

I hope everyone enjoyed Allen's presentation on Software Defined Radios. The subject is on the forefront of technology and we are witnessing an evolution in radio. Pretty soon we will have radios completely in software!

So, have you been on the air? If you have then you probably are working a lot of new ones on 10 and 12. It seems like three to four new band / modes have gone in the log every day for the past two weeks and how about T32C and TX7M? They are going at it! As this article is being written a four hour opening to the Middle East on 10 meters is winding down! HZ1PS was S-9 for hours! Egypt, The Sudan, and Lebanon was also on. This may be the as good as it gets for this cycle so do not miss the fun!

Do not forget the Holiday Party. It will be grand! The Reef is a wonderful restaurant and we have a room with a view of the water! The buffet is a lot more open than the previous two venues and the selection is as good if not better. What will be great this year is the raffle prize selection. Check out what we have later on in this newsletter. Come on out and enjoy the company of your fellow DXers! Don't forget to submit your patch design for the IDXC!

73, de N6RV Vice President SCDXC

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A BIRDSEYE VIEW OF THE NEW MEETING PLACE

If you are wondering what the new meeting place looks like well here it is. What a great location! Thanks Don, N6IC, for the great shot and thanks Mel, K6SY, for providing the ideal venue! How about coming to a meeting. It is not too much farther than the old venue. In fact it is easier to find, right off of the 405 freeway!



New DXer Resources

New DXers Handbook

http://www.udxa.org/attachments/148_New_DXers_Handbook.pdf

DXer of The Year

**Congratulations
Mel K6SY!**

Clipperton Award

**Congratulations
David N6RI!**

New Members

**Please welcome new
members:**

**Clay Davis
AB9A**

**Bruce Edgar
AB6BJ**

**Dan Warren
W6DAW**

**Ron Resnick
W2DXX**

**Paul Gussow
W6GMU**

**Peter Arninge
SM5GMZ**

**Vivian Wentworth Kiston
W6NWF**

**Robert Kiston
K1SBL**

***Make sure you
meet and greet
them at the next
meeting!***

NOVEMBER PROGRAM

John Kountz, WO1S / T6EE

Afghanistan

John, WO1S / T6EE will be discussing the latest developments in Afghanistan both amateur radio and life in general. For over 20 years John has been travelling to Afghanistan and working with local leaders. He has a unique perspective on the region and the cultures there. Through working with the government of Afghanistan John has assisted with the licensing process. He has operated many time from Kabul and expects to travel there again soon! Do not miss this presentation. It is guaranteed to be an interesting one!

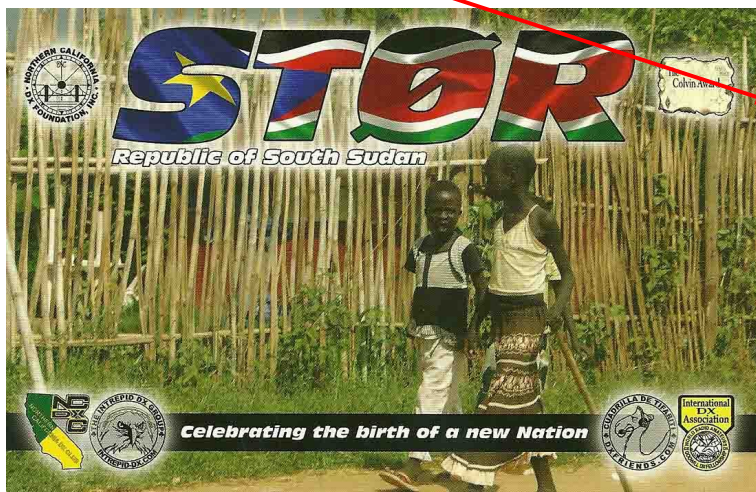
SCDXC MATCHING CONTRIBUTIONS

A request to establish a matching fund for the T32C DXpedition was sent to John, N6QQ, along with an initial contribution. John diligently applied the established matching fund decision process. Board members were given the opportunity to comment and vote on the issue. The board voted by the narrowest of margins not to set up the fund. There were several compelling reasons for and against the fund. Both sides argued regarding the location Christmas Island. The opponents indicated this is a fairly common entity while the proponents indicated that many members need it for DXCC. The individual DXpedition budget is fairly limited and there are two more major candidate DXpeditions that will occur before year end. The cost of getting the club logo on the card and website was minimal (\$150) and the contribution by the member submitting the request almost covered that cost. As you recall the club matching limit would be \$250 which would wipe out the budget for the rest of the year.

In spite of the board voting not to directly support the DXpedition SCDXC still indirectly supports the operation through the \$2500 donation to the NCDXF. We also encourage individuals to donate. The Five Star DXers Association is a very deserving organization. They have activated many rare entities. They execute large operations with many operators often switching out teams to reduce the fatigue and allowing several operators to stay within their vacation time budget. We look forward to their next DXpedition.

STOR CARDS ARE OUT!

And the SCDXC Logo is on the card! Thanks to those who donated! We supported the first time operation from a new country!



RUMORS ON THE BAND

A plethora of announcements, rumors, and serious DX fun

The Big DXpeditions for this month are [Egypt](#), [Somalia](#), [The Marquesas](#), [Nepal](#), [St. Barthelemy](#) and [Afghanistan](#) plus more! The Solar Flux is up! Look for new ones during the CQWW CW contest.

Six and Ten Meters

Well with the SFI above 140 both 10 meters and 6 meters have been interesting. Europe on 10 is common place even in the afternoon. Six meters has yielded several openings to the Pacific just around and after sunset. Several West Coast stations got into the T32C log. October and November are the best winter months for six with May and June being the best months of the year. Things do pick up in January. Hopefully we will have 3 years of good propagation!

ARRL Special "paper application offer" STØR QSLs

The cards for the 2011 STØR operation from the new DXCC entity of South Sudan are now being received by DXers around the world. With next year's publishing deadline for 2011 results fast approaching on 31 December, 2011, we will offer a special, reduced-price option for those DXCC participants who have already made at least one application during 2011.

Blue Information indicate particularly rare entities and **Red information** indicate SCDXC member attended DXpedition. As always you have to turn on your radio to work them.

Useful DX Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/dxpeditions/

DX 425 News
www.425dxn.org/dxped/

Dx-info.de
www.dx-info.de

DX Italia DX News
www.marioi2mqp.it

DH9SB Weekly DX Calendar
<http://www.dx-info.de>

Call	QTH	Start Date	End Date	Information	Website
MU/PA9M	Gurnsey	Now	10/30/2011	160-6M CW SSB	-
T6FR	Afghanistan	Now	11/1/2011	IZ8NWA 20-10m SSB PSK31	http://iz8nwa.jimdo.com/
3XY1D	Guinea	Now	11/1/2011	DL7UFR DL4WK DK7LX SP3DOI SP3CYY DL7DF	http://www.dl7df.com/
TX7M	Marquesas	Now	11/1/2011	T5UY FO5QB UX0HX UZ1HZ US0KW UU4JMG UX0LL RK7A UA7A RA6LBS 160-6m CW SSB RTTY	-
PJ5	Saba	Now	11/3/2011	PJ5/SP6EQZ PJ5/SP6IXF 160-10m CW SSB RTTY	-
TL0CW	Central African Republic	Now	11/3/2011	DK7PE 160 80M CW	http://www.roody.de/
8Q7SO	Maldives	Now	11/4/2011	JK1KSB 80-10M CW SSB RTTY PSK31	-
VK9CX	Cocos Keeling	Now	11/9/2011	DJ7ZG DL7AFS	-
TU2T	Ivory Coast	Now	11/11/2011	I1HJT I2YSB IK2CIO IK2CKR IK2DIA IK2HKT IK2RZP	http://www.i2ysb.com/joomla5/
7Q7GM	Malawi	Now	11/13/2011	GM3YTS GM0GAV 160 80m CW Only	-
SU	Egypt	Now	11/30/2011	HA3JB 160-10 CW, RTTY, PSK31, SSB	-
T5	Somalia	Now	11/30/2011	T5/TA1AMC Spare Time	http://iz8nwa.jimdo.com/
8Q7CC	Maldives	11/2/2011	11/12/2011	I0WDX 40 - 6M CW RTTY	-
CE0Y	Easter Island	11/3/2011	11/11/2011	CE0Y/LA5UF HF CW PSK	-
A52DL	Bhutan	11/3/2011	11/13/2011	LA9DL (A52DL) LA6VM (A52VM) 80-10m PSK CW	-
VK9XM	Christmas Island	11/4/2011	11/4/2011	OH2YY 40-10m SSB	-
VK9CM	Cocos Keeling	11/5/2011	11/7/2011	OH2YY 40-10m SSB	-
VK9XM	Christmas Island	11/8/2011	11/14/2011	OH2YY 40-10m SSB	-
E51	North Cook Island	11/8/2011	11/22/2011	N7OU 160-10m CW	-
T2T	Tuvalu	11/10/2011	12/6/2011	VK4FN,VK4FW, VK4NEF,NL8F, K4ZLE, W5SL 160-6M SSB CW RTTY PSK	http://t2t.pacific-dxers.com/T2T.html
9N0MD	Nepal	11/13/2011	11/25/2011	I2VGW 4Z4OQ F9IE XE1L IZ2ESV I8YGG IZ2KXC 4Z4DX CE6TBN F1HRE F5EOT IV3BSY IZ2GNQ IZ3NXC ON7RN XQ3SA YB3MM 160-6m SSB CW RTTY	-
EL2A	Liberia	11/21/2011	12/2/2011	AA7A G3SXW G4BWP KC7V KY7M N7CW	-
9L0W	Sierra Leone	11/22/2011	12/2/2011	DJ8NK DL5CW DL9USA DL2VW DJ9RR	http://www.mdxc.org/9l0w/
TO3A	St. Barthelemy	11/22/2011	11/29/2011	VE3TA VE3EY	-

DX ACCOMPLISHMENTS

Celebrate the Successes of Our Fellow Members!

Barry Fitshe, N6VOH, Achieves DXCC!

Our president John, N6QQ, announced at the last meeting that Barry submitted cards for DXCC! Way to go Barry! It is good to see someone so enthusiastic about getting and chasing new ones!

Another noteworthy item is Carolyn Jacob, KE6BUH, who just received her general class license, is racking up DXCC entities right and left. Her father George mentioned her excitement when she worked St. Lucia. Carolyn mentioned it is exciting to talk to a place she visited. That is how DXing works. The world is at your fingertips and everyone is your friend! When the DX bug bites it bites hard! It seems the Jacob household is now totally under its influence!

The DX Standings Webform is Up and Running!

Jim, N6DHz, our infinitely capable webmaster, has installed a new and improved DX standing webform. It includes six meters! When filled out it sends an email to Jim and to me so there is no need to email me directly with your updates. I will continue to update the standings in the newsletter and hopefully you will continue to send them in!

Check it out and give it a test drive!

<http://www.scdxc.org/dx-update.html>

Thank Jim for all his hard work. If you know him he is one very busy camper (pun intended)!

SCDXC WAZ and DXCC Standings (N6RV)

The first of the two large numbers represent the number of confirmed zones on the 9 HF bands 160-10 (less 60 meters). The next column contain the following codes:

M	Mixed
P	Phone
C	CW
R	RTTY
5	5 Band

If you have any information to post please email me:

N6RV@SCDXC.ORG

WAZ STANDINGS

	<u>9B / 5B</u>	<u>Awards</u>
EU7SA	357 / 200	M/5
N6AW	355 / 200	M/P/C/5
WA5VGI	352 / 200	M/P/C/5
W6VX	352 / 199	
W8DX	349 / 200	M/5
K6FG	347 / 197	M/P/C/R/5
W6SR	342 / 200	M/P/C//5
K6YUI	337 / 200	M/P/C/R/5
K6GXO	326 / 196	M
W6YOO	303 / 200	M/P/C/5
KC6X	283 / 200	M/P/C/5
K6YRA	280 / 200	P/5
K6LD	314 / 186	M/P/C
SM5GMZ	300 / 187	M/P/C
N6RV	270 / 183	M/P/C
KR6C	281 / 169	M/C
KJ6Y	261 / 172	
WD6L	248 / 200	M/P/5
K6SY	246 / 173	P
W6ZPL	237 / 173	M/P
AD6KQ	226 / 164	
N6OU	220 / 200	M/5
N6DHz	214 / 160	P
KH6DX/m	210 / 184	
NS6C	/ 198	
N6MXU	155 / 193	
K2PLF	191 / 191	
K6KII	191 / 177	M
W6IRD	181 / 147	M/P
W6NRQ	180 / 147	M/P
K6IRD	154 / 126	M/P
NK6A	152 / 152	M/5
WA6BOB	152 / 136	M
K6IRA	118 / 102	
N6HE	116 / 116	
W3SE	102 / 112	
K6VC	96 / 96	P
W6EA	92 / 86	
N6VNI	86 / 64	
KA6TTV	82 / 67	
N6UC	78 / 78	M
N6GIL	49 / 43	
W6DCK	40 / 40	P
WB6PSY	40 / 40	P
K6JW	40 / 40	M/P
KT6LA	40 / 40	
K6YR	39 / 39	
NZ6L	36 / 36	
W4EF	29 /	
N6AWD		M
N6HC		M/P/C
KB6KTV		P
W6OES		M
K8RD		C
K6UNR	/ 200	M/P/5

DXCC STANDINGS

	<u>TOT / CUR</u>
K6KII	386 / 340
JA1BK	377 / 338
K6YRA	376 / 340
K6EXO	370 / 338
K6YUI	365 / 341
N6UC	365 / 338
NS6C	359 / 340
W6HT	358 / 338
W6SR	357 / 340
WA6WZO	356 / 340
K6IPV	356 / 335
K8RD	355 / 340
N6AW	355 / 337
K5KT	354 / 340
K6FG	354 / 340
N6RV	354 / 339
K2PLF	353 / 340
W8DX	352 / 340
W6OES	351 / 334
K6GXO	350 / 338
KC6X	348 / 339
K6ND	347 / 341
W6AUG	347 / 340
W6OM	347 / 337
WB6PSY	347 / 336
W6YOO	344 / 338
K6LD	344 / 338
W6ENZ	345 / 337
EU7SA	343 / 336
W6KK	343 / 339
W6VX	343 / 338
N6AWD	343 / 336
W6DCK	342 / 336
WA5VGI	342 / 336
N6QQ	340 / 337
KB6KTV	340 / 335
KR6C	338 / 335
N6HC	338 / 333
N6OU	334 / 329
N6HY	333 / 329
AD6KQ	328 / 328
W6IRD	327 / 324
K6UNR	333 / 332
SM5GMZ	333 / 329
W6QE	332 / 324
KM6HB	328 / 325
KJ6Y	327 / 323
K2IXQ	324 / 325
W6ZPL	317 / 317
K6SY	312 / 310
N6MXU	301 / 297
W6HB	297 / 291
WD6L	295 / 295
N6DHz	288 / 284
W6NRQ	285 / 281
N7CQQ	268 / 266
N6WIN	258 / 253
NK6A	255 / 255
K6GEP	254 / 249
K6JW	253 / 251
K6DJ	251 / 249
K6YR	244 / 244
W3SE	240 / 237
K6HCJ	235 / 235
K6IRD	235 / 235
K6GEP	229 / 226
K6VC	227 / 227
N6VNI	223 / 223
ZL3TE	222 / 220
KN6VF	206 / 205
KT6LA	202 / 202
WA6BOB	202 / 198
W6VWV	165 / 165
K6LX	175 / 175
N6HE	173 / 166
W6DOE	164 / 162
W6EA	152 / 152
KA6TTV	149 / 149
K6OGO	142 / 142
W4EF	132 / 132
WA6NOL	127 / 126
NZ6L	27 / 27

SPURIOUS OUTPUTS

Comments, Announcements, and Interesting Tidbits Submitted by Members

Birthdays

Here are the November birthdays!

W6DOE	Gary	W6HT	Tom	K6QU	Jerry
K6FG	Mark	AK6I	Darrell	K8RD	Ed
SM5GMZ	Pete	YL-KB6KTV	Camille	WA6WZO	Fried
N6HC	Arnie	W6PJ	Pete	NY6Y	Gary
N6HE	Ray	WB6PJC	Arnold		

Many happy returns and may you have many more!

Japan Tsunami Recovery (K6YUI)

Though not pertaining to DX the series of photographs on the website below demonstrates the industrious nature of the Japanese people. Productivity should be the measure of a culture not the economy. Japan is healthy!

<http://blogs.sacbee.com/photos/2011/09/japan-marks-6-months-since-ear.html>

Postage Increase (K6YUI)

Larry forwarded this announcement from the Washington Post. Time to buy Forever Stamps!

Postal Service says stamp prices are going up
By Ed O'Keefe, Published: October 18

Nothing lasts forever. Stamp prices will climb 1 cent starting in January, the U.S. Postal Service said Tuesday.

The cost of a first-class stamp — also known as a forever stamp — will rise to 45 cents on Jan. 22, the first price increase in more than 2-1/2 years, the USPS said. The cost of sending magazines, standard mail and some package services also will rise, but prices for Express Mail and Priority Mail will stay the same.

The 1-cent increase is expected to generate an additional \$888 million in revenue, postal officials said Tuesday.

The jump “is small and is needed to help address our current financial crisis,” Postmaster General Patrick R. Donahoe said in a statement, adding that although the USPS continues to “aggressively cut costs,” it needs Congress to pass postal reform legislation that he said would make it easier to save money.

Starting Jan. 22, the USPS said rates will be:

- First-class letters (1 ounce): 1-cent increase to 45 cents.
- Letters weighing additional ounces: unchanged at 20 cents.
- Postcards: 3-cent increase to 32 cents.
- Letters to Canada and Mexico (1 ounce): 5-cent increase to 85 cents.
- Letters to other international destinations: 7-cent increase to \$1.05.

SPURIOUS OUTPUTS

Comments, Announcements, and Interesting Tidbits Submitted by Members

CQ Communications Launch Digital Editions of All Magazines (N6RV)

Forwarded from Janet at HRO. CQ Magazine now has digital versions of all their magazines. Go to the website below to see the new features and prices.

<http://www.cq-amateur-radio.com/>

Miscellaneous Items from Urban (W6MPB)

Coastal station KPH, Rio Vista, has been issued a Notice of Violation for (a) transmitting a host of spurious emissions related to their 13.1594 MHz transmitter, (b) transmitting on 17.2114 MHz without authorization at Rio Vista and (c) being 58 Hz off frequency with their authorized 19.7305 MHz xmitter: <http://transition.fcc.gov/eb/FieldNotices/2003/DOC-310104A1.html>

W6CZ, Mariposa, busted for transmitting a continuous string of Morse Code dots on 18.0856 MHz due to an "inappropriately stored telegraph speed key:"

<http://transition.fcc.gov/eb/FieldNotices/2003/DOC-310103A1.html>

Do You Know Who Belongs to These (K6LD)

Keith has become very involved with photography. As the official newsletter photographer he has supplied many excellent pictures. We hope you will continue to do so! Here are some random photos of ham antennas he has encountered.



2011 CQWW SSB CONTEST PLAN

Are you ready for CQWW? These are the best DX contests amateur radio has to offer and the opportunity for working many rare entities on many needed bands will abound. This year the solar flux rose dramatically which in turn changes the propagation. As with all things that are in rapid transition the ability to predict the outcome is questionable. Nevertheless new propagation charts were run and a plan of attack was developed.

If you have not noticed 20 meters is not the good old workhorse of yesteryear. To most observers it has turned into a night time band. Actually for those who do not sleep it is an early morning band as well. As MUF rises during the day propagation on 20 starts off with a bang. When the MUF continues on its upward trend the band falls asleep and 15 begins to open. With the recent solar numbers the MUF has risen to a point where 10 now is sitting pretty. As the MUF falls 10 closes, the transition through 15 is fairly sharp and 20 comes alive. A contester takes advantage of this mechanism moving up in frequency as the bands open and following them down as well. The object is to maintain the highest rate while looking for the rare entities that have very short openings.

Another effect of the higher SFI is the lower bands not only will be noisier stations will delay their trek down in frequency until the higher bands close. Unlike a few years ago where 40 seemed like 20 it will probably be less of a factor in mix. In any event it is always fun to kick around the 160 through 40 and pick new ones.

This year included with the operating plan and usual band chart is a listing of rare openings. This can be used as a reminder. Look them over and determine where the windows exist and be on the band accordingly. Of course for the casual DXer the packet cluster will give you a real time heads up on rare openings. It has been the experience of many that jumping to a band at a key time is often overlooked by the packeteers. You will also find the pile ups on announced stations to be a lot more than non contest pile ups. That is because stations who normally would not attempt to work an entity they have confirmed are trying to work the entity for a multiplier. Take the Rare Opening listing and compare it to the announced operations. Develop a strategy and follow it.

For those who would like to get their feet wet in the unassisted category the whole contest band plan and the operating plan should serve as a great aid. Typically it used as a planning tool and a mid-course correction tool. In the middle of the contest take an assessment of what you have worked and what you have missed. Use the charts and plans to find the opportunities to fill the band multipliers.

There are some general rules of thumb for operating in the single op category. First start at the highest band open. It may not be open on the second day. If you are fast at search and pounce then by all means work up or down the band going in one direction until you reach the band edge. If you run across an open spot try calling CQ. This may be very effective on 10 and 15 during band openings to Europe and the Pacific. Even with 100 watts these bands produce some good runs. Catch the bands as the MUF transitions up and then down. Do not forget to revisit a band. A seemingly dead band may have a surprise opening. Long path openings have been known to occur after a band closes. For instance Long path into the Indian Ocean has occurred pretty regularly on 15 M around 10 PM. At the same time the Middle East and Central Asia has a tendency to show up on 20 M late night. None of the charts take this into account. Make sure you spend time this week listening to the bands and watching the spots. Try to trend where the openings occur and when. 20 when it opens will be a mad house as well as 15. 10 is wide enough to accommodate the throng remember to tune high in the band. Some rare DX is known to stay even above 28.600 MHz.

How To Read the Charts

The four charts supplied are a compilation of about 70 simulations using Shel, W6EL's, propagation program. For those familiar with propagation charts it should be easy to follow. If you are not familiar with propagation charts a little discussion is required. First the simulation produces a table of predictions, either signal strength or signal to noise ratio and an associated probability of occurrence. The probability is categorized into four groups (A > 75%, B between 75% and 50%, C between 50% and 25% and D less than 25%). Two sets of charts were produced the first contains only the category A probabilities. These are the most likely openings. The second chart took into account the A, B & C categories. These are the openings we do not want to miss. The charts are laid out with time on the vertical axis and band with region of the world on the horizontal axis. The numbers represent the received signal to noise ratio. The colors are as follows. Red is the highest signal to noise ratio on that band to that region. Blue is a range that is 4 dB below the highest and grey is the range between 5 and 8 dB below the maximum. No background are openings greater than 8 dB below the maximum.

There are several parameters that make up this simulation. First, the basic simulation assumes a dipole and 100 watts at both ends. The default angle of arrival is 1.5 degrees and above. As you know the lower the angle of arrival the longer and often stronger the opening. All but the power parameter were adjusted for each band. On all bands the minimum elevation angle was set to 4 degrees. On 80 and 40 the dipole model was used. On 20 through 15 a 3 element yagi model was used. The parameters were set to simulate a nominal station in a residential environment. The gains represent a tribander at about 60 feet and dipoles on the low bands at the same height.

If the DX station is a big gun then it may be as much as 20 dB louder than the predictions. Since the suppressed signal to noise ratios below 0 dB there will be times around the predicted times where these stations will be heard. Another word about the signal to noise ratio. The bandwidth used in the predict is 1.8 KHz. This is a good narrow bandwidth for detecting signals. Though it may be possible to pull out a signal with a 3 dB SNR typically 10 dB or above is the value that produces readable signals.

You can adjust the numbers up and down to accommodate your specific station. Also you can increase that number for the big guns. In general the numbers give a trend. Try to be on the band when the signals are the loudest. Also you can work the big guns when others have moved on. Do not spend a lot of time in those pile ups.

What the plan does not include is concurrent openings, like when the East Coast also has an opening to South America. It is always good to find the time when the openings do not favor another region. The DX station may not be pointing at the West Coast.

Hopefully the charts will help in developing a plan of attack or may be just an interest in propagation. It would be nice to get some feedback on the openings you found. If someone has several SDRs and a few hard drives maybe we can record the whole contest and play it back! That would be the ultimate way of seeing what was worked!

Have Fun!

2011 CQWW DX SSB CONTEST STRATEGY

Legend				Eu - Europe Afr - Arica IO - Indian Ocean ME - Middle East Cas - Central Asia As - Asia Pac - Pacific SA - South America Car - Caribbean Grey - Grey Line (First Priority) Red - Best Propagation Window Blue - Secondary Propagation Window Black - Predicted Propagation	
Week Before		Checked out the bands. Look for unusual propagation and unusual times. Watch and search DX Summit for announcements. Try to come up with a trend. Remember there will be a great deal of activity running up to the contest. List what has been on each band and note the times.			
Hour Before		Run across all bands and note who is on what band. For this very reason stations usually stake out a frequency a half hour before the start. See if there is any indication that 10 and 15 will be open. Start at the highest band that is open. It may not open again during the contest.			
LOC	UTC	Propagation	Day 1	Day 2	
17:00	0:00	20 Asia & Pac 15 Afr 10 Asia SA & Pac	The beginning of the contest is chaotic. It seems like stations are not hearing you. The competition is the greatest and DX stations want the highest rate. Don't waste time trying to crack a pile up. Note the frequency and move on. You have all weekend to work many of the usual suspects. Look for stations with few callers. Work South America later when the East Coast loses propagation. Concentrate on Asia and the Pacific. The first hour is critical since 15 and 10 close early. Stay on 10 as long as you can working JAs and the Pacific.	This should be the most productive period for Asia on 15 and 10. Do not forget to look for Africa on 15 and SE Asia on 20.	
18:00	1:00	75 Car Afr 40 SA Car ME 20 Eu Asia Pac SA Car ME 15 Afr Asia SA Pac 10 Asia SA Pac	You should be coming off of 10 and on to 15. This is grey line and honestly you have to run across 80 through 20 looking for rare openings to Afr, IO and Deep Asia.	Take a break and chase multipliers on 160 / 40 / 75 during our Grey Line. 20 may also have some surprises. South East Asia pops in around this time.	
19:00	2:00	160 Quick Sweep 75 Eu Afr SA Car 40 Eu Afr IO ME 20 Asia Pac SA Car IO ME 15 Asia SA Pac 10 Pac	This is another chaotic time. It is the only time to look for the Indian Ocean on 40. It is also the time when the MUF is falling and you need to follow it to maintain a good rate. Europe will be on both 40 and 20 and it is a good time to pick up SA on 20. The Pacific and Asia will be on 10 & 15. Move fast.	Sweep out the bands. It is a good time to be on 40 and 20 chasing Europe.	
20:00	3:00	160 Quick Sweep 75 Eu Afr Car 40 Eu Afr ME IO SA Car 20 Eu CAS Asia Pac SA 15 Pac As	10 should be dead or have a few Pacific stations going. 15 will still have Pac, Asia and SA. It should be the primary band. 20 should be packed with Eu, Pac, IO, SA, and ME. It has become a nighttime band. Look for the ME on 40	Assess what was neglected. Grab the easy multipliers that were missed.	
21:00	4:00	160 Eu Afr SA CAR 75 Eu Afr SA Car 40 Eu Afr SA Car 20 CAS ME PAC SA As	Keep on 20 as long as you can. There are lots of strange openings at this time. Also slip down to 40 for Eu and Afr and 80 to catch SA and Car but mostly 20. If Japan and the Near East is coming in then run them. There will be big JA stations on 20 throughout the contest.	Check 160 earlier. Again many DX stations are trying to hit the bands they ignored. 160 and 75 could encounter more activity.	
22:00	5:00	160 Eu Afr SA Car Pac 75 Eu Afr Car Pac 40 Eu Afr SA Car 20 CAS Asia Afr Pac	Remember to work Canada and Mexico on all bands. Look for them during the slow times. 160 should be hopping. 75 is the next band of interest. Europe may still be in on 75 and 40. Check 160 often. The Pacific and Asia will still be in on 20 plus there may be some Central Asians sneaking through and possibly Middle East.	Usually S&P results in running into a lot of dupes. Try a few CQs to see if you can attract some attention. If you have a good antenna on 40 then you may get a response.	
23:00	6:00	160 Car Pac Asia 75 Eu Afr Pac SA Car 40 Eu Afr Pac SA Car 20 C As Asia ME	This is a good time to sweep out 80 and 40. Also look at 160 and keep an eye on 20..	Usually Japan starts rolling on 40. Unfortunately most of the big guns are worked the first night. Try calling CQ. Remember to figure out what multipliers have been missed and actively hunt them down.	
0:00	7:00	160 Car Pac Asia 75 Car Pac SA 40 Eu Afr SA Pac Car 20 SA Pac Afr	Asia will be coming up in one hour. Clean up Eu on 80 and 40 as well as SA, Pac and Car on 160 - 80.	Keep on the Pacific and Asia on 160 / 75 / 40	
1:00	8:00	160 Car Pac Asia 75 Car Pac SA 40 Eu Afr SA Pac Car Asia 20 SA Pac	Asia on 80 and 40. Check out 160 and 20.	Keep on the Pacific and Asia on 160 / 75 / 40	
2:00	9:00	160 Car Pac Asia 75 Car Pac SA Asia 40 Eu Afr SA Pac Car Asia	Asia on 80 and 40. Check out 160 .	Good time to go to bed	
3:00	10:00	160 Car Pac Asia 75 Car Pac SA Asia 40 SA Pac Car Asia	Good time to go to bed	Good time to go to bed	
4:00	11:00	160 Car Pac Asia 75 Car Pac SA Asia 40 SA Pac Car Asia	Good time to go to bed	Good time to go to bed	
5:00	12:00	160 Car Pac Asia 75 Car Pac SA Asia 40 SA Pac Car Asia IO	Good time to go to bed	Good time to go to bed	
6:00	13:00	160 Pac Asia 75 Pac Asia 40 IO Pac As 20 Eu LP	If you were up the hour before it was a good time for the IO on 40 so is this hour. Check out 10 15 & 20 for early Europe openings	If you were up the hour before it was a good time for the IO on 40 so is this hour. Check out 10 15 & 20 for early Europe openings	
7:00	14:00	160 Pac Asia 75 Pac CAS IO Asia 40 CAS Asia SA 20 ME _{LP} EU _{LP} EU	80 & 40 meter long path at sunrise. Start at 80 then 40 then 20 LP & 20 short path. You only have about an hour or so on 20 Europe	80 & 40 meter long path at sunrise. Start at 80 then 40 then 20 LP & 20 short path. You only have about an hour or so on 20 Europe	
8:00	15:00	20 ME _{LP} EU _{LP} IO _{LP} ME _{LP} 15 Eu IO 10 Afr	Europe on 20 checking for Europe on 15 and 10. Keep a look out for IO	Europe on 20 checking for Europe on 15 and 10. Keep a look out for IO	
9:00	16:00	20 Eu IO 15 Eu IO SEAs	Europe on 15 checking for Europe on 20 and 10. Keep a look out for IO	Europe on 20 checking for Europe on 15 and 10. Keep a look out for IO	
10:00	17:00	20 Eu 15 Eu Afr SEAs 10 Eu	Prime time for Eu on 15. Check 10 for EU.	Prime time for Eu on 15. Check 10 for EU.	
11:00	18:00	20 Eu 15 Eu Afr SEAs 10 Eu	Prime time for Eu on 15. Check 10 for EU.	Prime time for Eu on 15. Check 10 for EU.	
12:00	19:00	20 Eu 15 Eu Afr IO SEAs 10 Eu Afr Car SA	Prime time for Eu on 15. Check 10 for EU. 10 should be kicking in on everything.	Prime time for Eu on 15. Check 10 for EU. 10 should be kicking in on everything.	
13:00	20:00	20 Afr Car 15 Afr Pac Car SA 10 Afr Pac Car SA ME	More like Afr, Car, & SA on 15 and 10.	More like Afr, Car, & SA on 15 and 10.	
14:00	21:00	20 Afr Car 15 Afr Pac Car SA 10 Afr Pac Car SA ME	The Middle East was in at this time on 10. Usually start running Japan on 10 here and S&P SA and Car on 20 through 10.	The Middle East was in at this time on 10. Usually start running Japan on 10 here and S&P SA and Car on 20 through 10.	
15:00	22:00	20 Afr Car 15 Afr Pac Car SA Asia 10 Afr Pac Car SA Asia	Run Japan on 15 & 10. S&P 20 through 10.	Run Japan on 15 & 10. S&P 20 through 10.	
16:00	23:00	20 Afr Car 15 Afr Pac Car SA Asia 10 Afr Pac Car SA Asia	Run Japan on 15 & 10. S&P 20 through 10.	Run Japan on 15 & 10. S&P 20 through 10.	

Rare Openings 75% Probability																																
SFI 140		80						40						20						15						10						
K 1		Afr		IO	As			Afr	IO	As			Afr	IO	As			Afr	IO	As			Eu	Afr	IO	As						
LOC	UTC	W	E	E	ME	C	SE	E	W	E	ME	C	SE	E	W	E	ME	C	E	W	E	ME	C	N	E	E	W	E	ME	C	SE	
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75% Probability

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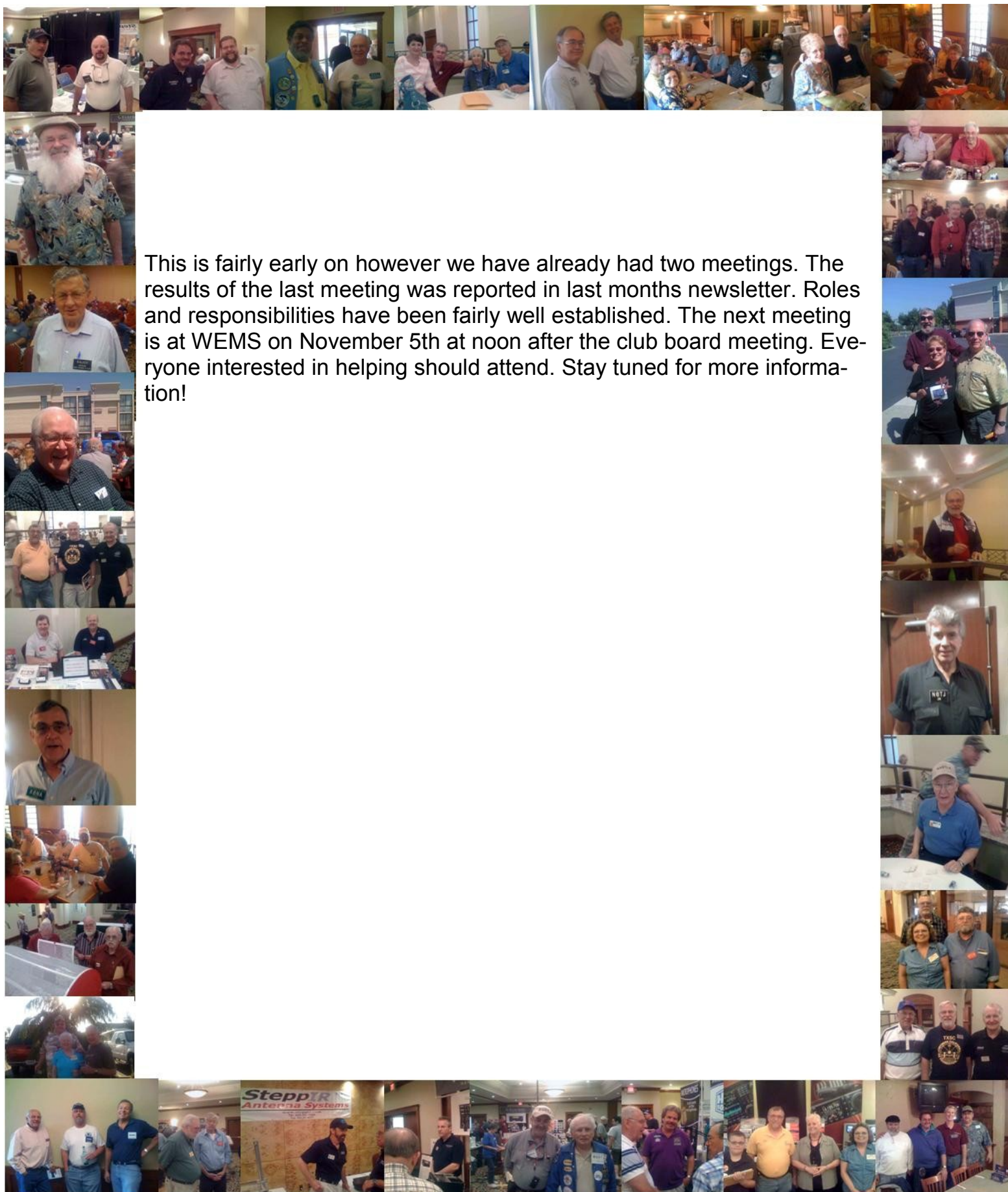
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25% Probability

2011 CONWV SSB DX CONTEXT LOS ANGELES PROPAGATION CHART SEP - 140K - 1 CASE 2 AVERAGE STATION																																							
80										40										20										15					10				
BAND	UTC	SA	CAR	N Pac	E As	IO	ME	C As	Eu	Afr	IO	ME	C As	N Pac	E As	IO	ME	C As	SA	CAR	Eu	Afr	IO	ME	C As	N Pac	E As	IO	ME	C As	SA	CAR							
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2012 INTERNATIONAL DX CONVENTION

This is fairly early on however we have already had two meetings. The results of the last meeting was reported in last months newsletter. Roles and responsibilities have been fairly well established. The next meeting is at WEMS on November 5th at noon after the club board meeting. Everyone interested in helping should attend. Stay tuned for more information!



2012 INTERNATIONAL DX CONVENTION PATCH DESIGN CONTEST



The 2012 IDXC Patch Design Contest has officially begun!

Don Bostrom, N6IC, is running the competition this year.



The rules are simple. Email your submissions to Don in jpeg format (n6ic@arrl.net) by the end of November. That gives him enough time to put together the candidate display for the December Holiday Party. He will present the patches to the Holiday Party attendees and they will vote for the winner.



Please keep the number of colors down to four or less. This reduces complexity and production costs.

The winner receives a free convention registration!



Holiday Party Raffle

As an inducement to bring out as many members for the Holiday Party we have been making great strides in gathering the largest bunch of prizes for this years raffle. The vendors have been particularly generous. We have been able to stretch our limited budget to cover almost \$2000 in prizes!

Here is the current list of vendors who have deeply discounted or donated outright prizes to the raffle. Thanks for adding to this joyous event! Anyone who is interested in kicking a prize should contact the Vice President, N6RV. We are still shaking the trees for more stuff!

Current Donors

The DX Store

Daily DX

QRZ DX

ICOM

	Description	Contributor
1	Icom ID880H D-Star ready Dual Band Mobile FM Rig	The DX Store
2	Heil GM Series Microphone (w/ PL-2T Boom, SM-1, & FS-2)	The DX Store
3	Heil ProSet Headset	The DX Store
4	Wouxun KG-UV2D 5 Watt Dual-Band Handheld	
5	Wouxun KG-UV2D 5 Watt Dual-Band Handheld	
6	Baofeng UV-3R 2 Watt Dual-Band Micro Handheld	
7	Baofeng UV-3R 2 Watt Dual-Band Micro Handheld	
8	Baofeng UV-3R 2 Watt Dual-Band Micro Handheld	
9	1 Year Subscription to The Daily DX	The Daily DX
10	1 Year Subscription to QRZ DX	QRZ DX
11	Uniden Dect 6.0 Wireless Telephone 4 Pack	
12	Uniden Dect 6.0 Wireless Telephone 4 Pack	
13	Heil Dual Foot Switch	The DX Store
14	Daiwa Antenna Switch	The DX Store
15	Daiwa Antenna Switch	The DX Store
16	Atomic Clock	
17	Connectors & Xerox Paper	The DX Store
18	Connectors & Xerox Paper	The DX Store
19	Connectors & Xerox Paper	The DX Store
20	Connectors & Xerox Paper	The DX Store
21	Connectors & Xerox Paper	The DX Store
22	Connectors & Xerox Paper	The DX Store

So make sure you get your reservation in for the Holiday Party. Raffle tickets will be sold at the door!

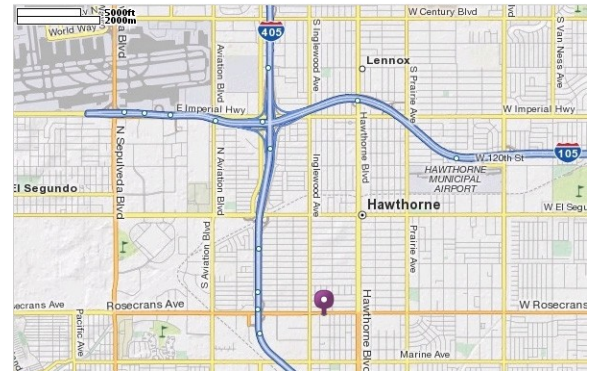
SCDXC Meeting Location Change!

In July the Culver City Council raised the rent for the Syd Kronenthal Park facility by a factor of five and added a security deposit. This policy was applied to all groups using Culver City facilities and in no way reflects any desire to deny use. At the August regular meeting members in attendance indicated by a show of hands that those funds would be put to better use elsewhere. Mel Hughes has graciously offered the use of the WEMS Electronics lunch room for future meetings either on a temporary or permanent basis. The board accepted this offer and at the same time will be deliberating over a permanent meeting facility.

The driving directions to WEMS, Inc are as follows:

The address is: **[4650 West Rosecrans Avenue, Hawthorne, CA. \(South side of street\)](#)**

1. Coming South on the I-405 take the second Rosecrans (Rosecrans East) off ramp. At the bottom of the off ramp turn right and proceed to the next traffic light and turn right again on to Rosecrans Avenue. Go under the freeway and proceed East on Rosecrans past Inglewood Avenue. Go 1-1/2 blocks past Inglewood Avenue and make a right turn into the driveway between a one story building and a two story building with a tower and SteppIR antenna. Drive past the gate and park in any open parking space. We will be meeting in the one story building you just drove past. If you get to traffic light East of Inglewood avenue turn around and go back. Look for the antenna.
2. Coming North on the I-405 take the first Rosecrans off ramp (Rosecrans East) and turn right at the bottom of the off ramp onto Rosecrans Avenue. Go 1-1/2 blocks past Inglewood Avenue and make a right turn into the driveway between a one story building and a two story building with a tower and SteppIR antenna. Drive past the gate and park in any open parking space. We will be meeting in the one story building you just drove past. If you get to traffic light East of Inglewood avenue turn around and go back. Look for the antenna
3. Coming West on CA-91 merge on to I-110 South and then North onto the I-405. Once you are Northbound on the I-405 follow the directions in #2 above.
4. Coming West on the I-105 Exit the Hawthorne Blvd. off ramp. At the end of the very long off ramp turn left onto Hawthorne Blvd and proceed South to Rosecrans Avenue. Turn right on Rosecrans Avenue and proceed West. Just past the first traffic light after your turn onto Rosecrans move into the 2-way left turn lane and turn in the driveway between the two story building with tower/antenna and the one story building. As you drive down Rosecrans you should be able to see the tower on the two story building. Drive past the gate and park in any open parking space. We will be meeting in the one story building you just drove past.
5. If you live in the South Bay or Palos Verdes you are on your own.
6. If you would like to try Metro Light Rail, see Mel Hughes for information. WEMS is an easy walk from a Metro Green Line Station, or we can arrange a ride from the station to WEMS.



New Dining Venue!

Several of the club members are going to have dinner at #1 BUFFET before the Thursday club meeting. It is a buffet that serves American, Chinese, and Japanese cuisine including sushi. Please join us at the usual time (around 5:30 to 6:30 PM). It is 5-1/2 blocks east and one block south of WEMS at 14418 Hawthorne Blvd., Lawndale, CA (310-644-4007). There is an area in the rear where we can put several tables together. They have more than 100 different items from which to select and there is a sizable parking lot. Visa, Master Card and cash are accepted. The price is \$10.99 per meal + \$1.49 for drinks + tax.



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*Sunday: Closed

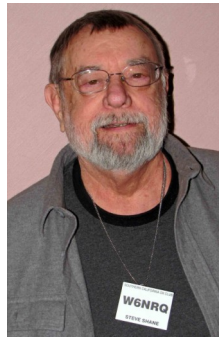
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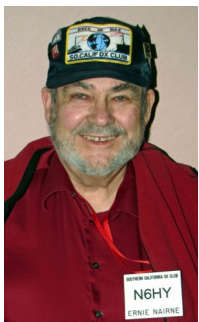
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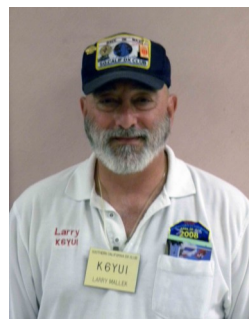
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Jim Shryne**